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MONTANA OIL AND GAS STATISTICAL BULLETIN

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BOARD OF OIL AND GAS CONSERVATION
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Vol. XX, No. 6 — 4 — JUNE, 1972

Production of crude oil and condensate from the oil and gas areas of Montana for the month of June, 1972 averaged 93,962 barrels daily, an increase of 227 barrels from the average May, 1972 production of 93,735.

The nine refineries in the state processed 142,609 barrels of crude oil daily for the month of June, 1972 an increase of 12,587 barrels from the 130,022 barrels processed daily during the month of May, 1972.

During June, 40 wells were completed, 6 oil, 3 gas and 31 dry holes.

During June the commission issued 94 permits to drill new wells, an increase of 65 from the 29 permits issued during May.

SUMMARY OF CRUDE PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA MONTH OF JUNE, 1972

IN STORAGE JUNE 1st	
By Producers	317,315
By Transporters	1,610,481
By Refiners	1,198,708
TOTAL STORAGE	3,126,504
Produced in Montana During Month	2,818,850
Imported During Month	3,505,393
TOTAL	9,450,747
DISPOSITION:	
Refined in Montana	4,278,266
Exported	2,283,856
Used for Fuel or Lost	11,898
TOTAL	6,574,020
IN STORAGE JUNE 30th	
By Producers	304,580
By Transporters	1,480,979
By Refiners	1,091,168
TOTAL STORAGE	2,876,727

NATURAL GAS WITHDRAWALS IN MONTANA

Month of June, 1972

Field	M. C. Ft.
Bell Creek	104,119
Big Coulee	32,807
Blackjack	44,521
Bowdoin	57,183
Bowes	— 0 —
Cabin Creek	89,166
Cedar Creek	86,843
Cut Bank (including Regan)	226,130
Dry Creek	13,777
Elk Basin	50,354
Flat Coulee	— 0 —
Gold Butte	2,606
Grandview	4,665
Hardin	2,593
Keith Block	15,029
Kevin Sunburst	2,783
Lake Basin	39,164
Middle Butte	545
Mt. Lilly	— 0 —
Pine	43,176
Plevna	1,539
South Devon	40,268
Tiger Ridge—Squaw Coulee	55,301
Trail Creek	— 0 —
Utopia	— 0 —
West Butte	— 0 —
Whitlash	6,852
Miscellaneous	380,977
TOTAL	1,300,398

Total Withdrawals for June, 1971, were 2,266,011.

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PRODUCERS REPORT — MONTH OF JUNE, 1972

Leases	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped By Pipeline	Oil Shipped By Truck	Loss or Gain	Storage End of Month
3	Ash Creek	3	134	1,057		870		321
1	Bainville	1	2,963	2,713		2,825		2,851
2	Bannatyne	2		404		404		
4	Bear's Den	5	2,097	618		421		2,294
18	Bell Creek	265	24,996	512,986	516,281		12	21,689
1	Benrud	1	573	1,857	2,215			215
2	Benrud East	2	1,876	11,790	12,441			1,225
1	Benrud Northeast	1	404	1,825	1,506			723
1	Berthelote	1	390	240				630
5	Big Wall	13	2,621	5,913	6,531			2,003
5	Blackfoot	6	686	2,021	2,217			490
4	Border	6	1,556	417		922		1,051
1	Bowes	42	5,622	10,168	11,256			4,534
1	Bradley	1	273	547	409			411
1	Brady	1	102	181	181			102
4	Brorson-Madison	4	1,760	3,555		4,279		1,036
5	Brorson-Red River	5	4,646	10,791		10,872		4,565
3	Brorson-Red River South	3	2,894	8,322		9,668		1,548
7	Brush Lake	7	1,010	15,796	15,542		40	1,224
2	Cabin Creek	90		259,925	259,925			
1	Canal	1	1,003	7,323		6,998		1,328
11	Cat Creek	48	2,220	16,264	15,992			2,492
1	Clark's Fork	1	208	112		177		143
1	Clark's Fork South	1	60	373		362		71
3	Conrad South	3	100	758	758			100
2	Cow Creek	2	212	874		718		368
4	Cow Creek East	5	629	43,215		42,737		1,107
1	Culbertson	1	1,085	984		1,475		594
3	Cupton	6	2,982	10,169		9,549		3,552
130	Cut Bank	881	56,725	399,234	402,246	1,185		52,528
—	Dean Dome		65					65
1	Deer Creek	1	462	1,217	931			748
1	Delphia	1	103	1,037		1,005		135
4	Devil's Basin	4	894	420				1,314
3	Dwyer	15	3,558	18,746	18,528			3,776
3	Elk Basin	49	827	134,855	134,722			960
4	Elk Basin Northwest	8	1,682	4,219	4,252			1,649
5	Fairview	10	10,480	36,174	11,505	25,997		9,152
2	Fertile Prairie	2	454	1,230		1,172		512
5	Flat Coulee	20	2,657	6,250	6,964			1,943
37	Flat Lake	52	5,294	47,738	48,259			4,773
6	Flat Lake South	6	1,003	8,056	7,764			1,295
1	Ft. Gilbert	2	174	21,323	21,226			271
1	Frannie	1		1,290	1,290			
7	Fred & George Creek	30	2,798	38,235	38,433			2,600
1	Gage	1	94	185		159		120
3	Gas City	17	7,528	21,496	20,197	4,604		4,223
1	Girard	1	1,783	3,181		2,749		2,215
11	Glendive	15	2,234	26,065	25,584			2,715
25	Goose Lake	33	6,578	31,719	32,706			5,591
8	Graben Coulee	14	6,274	2,932	1,508	1,742		5,956
2	Gypsy Basin	3	367	192	372			187
1	Hay Creek-Mission Canyon	1	76	1,495	1,526			45
2	Hay Creek-Red River	2	440	10,113	10,250			303
5	Hiawatha	5	2,216	6,999	7,092			2,123
1	Injun Creek	1	416	351				767
6	Ivanhoe	12	2,279	4,008	4,606			1,681
6	Jim Coulee	17	4,489	44,542	44,148			4,883
4	Keg Coulee	16	4,558	9,601	10,044			4,115
2	Keg Coulee North	2	450	356				806
1	Kelley	3	584	8,381	7,790			1,175
77	Kevin Sunburst	461	7,831	28,006	25,076	2,570		8,191
8	Laird Creek	10	669	2,908		2,664	10	903
3	Leary	3	2,097	2,731		3,339	90	1,399
1	Little Beaver	23		37,206	37,206			
2	Little Beaver East*	12	1,571	12,721	12,563			1,729
1	Little Wall Creek	1	354	764	929			189
2	Lodge Grass	2	358	1,057		993		422
4	Lonetree Creek	4	2,001	36,837		37,467		1,371
3	Lookout Butte (Coral Creek)	30	270	58,276	58,409			137
2	Mason Lake	2	589	183	354			418
2	Melstone	3	766	2,281	2,433			614
—	Mineral Bench		494					494
1	Miner's Coulee	1	107	507		507		107
11	Monarch	14	5,496	15,797	3,236	4,187		13,870
2	Mosser	2		567		567		
2	Otis Creek	2	515	3,995		4,136		374
6	Outlook	8	4,287	12,820	12,388			4,719
1	Outlook South	1	702	526	787			441
2	Outlook West	2	1,804	2,049	2,415			1,438
1	Pennel-Lookout Butte	112		161,483	161,483			
4	Pine	106	16,911	230,283	229,885			17,309
58	Pondera	255	4,727	25,774	26,403			4,098
1	Pondera Coulee	1		163	163			
7	Poplar	65	8,299	42,713	44,663		20	6,329
2	Poplar Northwest	2	2,415	666	1,904			1,177
—	Prairie Elk		1,535					1,535
2	Pritchard Creek	2	167	1,023	1,023			167
2	Putnam	3	319	7,517		7,504		332
4	Ragged Point	12	3,982	4,222	4,508			3,696
1	Rattlesnake Coulee	1	1,219	386	616			989
2	Reagan	42	337	17,671	17,627			381
1	Red Creek	21		12,598	12,598			
1	Red Fox	1	373	664	864			173
1	Redstone	1	530	1,318	1,604			244
1	Repeat	1	376	1,186		1,342		220
3	Reserve	4		6,620	6,620			
1	Richey	1	730	593	1,250			73
1	Richey Southwest	5	539	1,883	2,091			331
1	Rough Creek	1		2,618		2,618		
1	Rush Mountain	1	581	2,599	2,853			327
2	Salt Lake	3	611	4,259		4,349		521
4	Sand Creek	6	586	3,609	3,198			997
1	Snyder	4	156	712		730		138
7	Soap Creek	18	1,089	4,682		5,216		555
2	Spring Lake	2	2,501	1,994		1,520		2,975
1	Stensvad	4	3,051	24,060	22,831			4,280
15	Sumatra	76	16,355	85,708	84,906			17,157
5	Tule Creek	6	2,217	22,195		21,793		2,619
2	Tule Creek East	2	722	7,596		7,176		1,142
2	Tule Creek South	3	1,034	2,866		3,384	25	491
2	Vida	2	383	1,239		1,284		338
4	Volt	5	2,762	10,961	11,367			2,356
2	Weed Creek	2	535	922	743			714
3	Weldon	3	1,316	9,426	9,187			1,555
1	West Butte	1		2,087		2,087		
16	Whitlash	41	7,662	10,381	10,501			7,542
—	Whitlash West		284					284
3	Willow Creek North	3	918	1,990	1,982		96	830
2	Wills Creek South	2		2,820	2,820			
3	Wolf Springs	4	3,088	2,797	4,410		209	1,266
2	Woodrow	2	421	2,035	2,109			347
5	Wright Creek	5	1,129	1,795	1,233			1,691
—	Wildcat, Blaine Cty		157					157
—	Wildcat, Carbon Cty		310					310
1	Wildcat, Daniels Cty	1	715	544		653		606
1	Wildcat, Dawson Cty	1	424	5,304		5,104		624
5	Wildcat, Glacier Cty	5	1,918	857	1,533			1,242
1	Wildcat, McCone Cty	1	189	21			37	173
1	Wildcat, Richland Cty	1	694	14,823		14,478		1,039
2	Wildcat, Roosevelt Cty	2	678	1,776		1,588		866
2	Wildcat, Sheridan Cty	2	1,865	25,474		25,346		1,993
3	Wildcat, Toole Cty	3		1,868		1,586		282
712	Total	3,180	317,315	2,818,850	2,535,968	295,078	539	304,580

Total Oil Produced & Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1971	34,598,723	94,791	34,623,678	94,859
First Quarter, 1972	8,240,945	90,560	8,211,215	90,233
April, 1972	2,823,338	94,111	2,820,360	94,012
May, 1972	2,905,795	93,735	2,908,497	93,822
June, 1972	2,818,850	93,962	2,831,046	94,369

Oil In Storage	In Producers Field Tanks	In Transporters Storgae	In Refiners Storage ‡	Total Oil in Storage ‡
December, 1971	290,832	1,316,908	605,612	2,213,352
March, 1972	318,394	1,389,602	990,950	2,698,946
April, 1972	321,149	2,068,878	1,238,400	3,628,427
May, 1972	317,315	1,610,481	1,198,708	3,126,504
June, 1972	304,580	1,480,979	1,091,168	2,876,727

* Montana Oil Only
‡ Includes Wyoming Oil

TRANSPORTERS MONTHLY REPORT — MONTH OF JUNE, 1972

	Storage First of Month	Oil Received By			Loss or (Gain)	Oil Shipped To			Storge End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—									
Western Crude Oil, Inc.			870				870		
BAINVILLE—Koch Oil Company			2,825				2,825		
BEARS'S DEN—Truck			421				421		
BELL CREEK—Pipeline	118,293	516,281					321,525	250,574	62,475
BIG WALL—									
Continental Pipeline Co.		8,533				8,533			
BLACKFOOT—									
Camerland Cardinal Corp.		2,217						2,217	
BORDER—Permian Corp.			922					922	
BOWES—Texaco Inc.		11,256				11,256			
BRORSON-MADISON, BRORSON-RED RIVER & BRORSON-RED RIVER SOUTH—									
Koch Oil Company			24,819					24,819	
BRUSH LAKE—									
Portal Pipeline Co.		15,543					15,543		
CABIN CREEK & OTHERS*—									
Butte Pipeline Co.	412,090	693,035	61,096	662,383			1,430,328		398,276
Shell Pipeline Co.	5,407	284,413			1,334			286,413	2,073
	417,497	977,448	61,096	662,383	1,334		1,430,328	286,413	400,349
CANAL—									
Koch Oil Company			6,998				6,998		
CAT CREEK—									
Continental Pipeline Co.		14,888				14,888			
CLARK'S FORK AND CLARK'S FORK SOUTH—									
Permian Corp.			539				539		
COW CREEK AND COW CREEK EAST—									
Western Crude Oil, Inc.			43,455				43,455		
CULBERTSON—									
Spruce Oil Co.			1,475				1,475		
CUT BANK—									
Continental Pipeline Co.		555,577	9,668					565,245	
Phillips Petroleum Co.	51,004	144,499			(1,004)	136,247		4,993	55,267
Texas Pipeline Co.	22,437	42,234		86,767	(364)			138,710	13,092
Union Oil Co.	130,664	54,070			271			72,154	112,309
Western Oil Trans. Co.		77,366						77,366	
Western Oil Trans. Co. (Moulton)		119,253						119,253	
	204,105	992,999	9,668	86,767	(1,097)	136,247		977,721	180,668
DELPHIA—TRUCK			1,005			1,005			
DWYER—Portal Pipeline Co.		17,602					17,602		
ELK BASIN & ELK BASIN NORTHWEST—Marathon Pipeline		138,974				138,974			
FAIRVIEW—									
Fairview Pipeline Co.		11,505					11,505		
Koch Oil Company			25,997				25,997		
		11,505	25,997				37,502		
FLAT COULEE—									
Camerland Cardinal Corp.		6,275				6,275			
FLAT LAKE & FLAT LAKE SOUTH—									
Portal Pipeline Co.		51,468					51,468		
FT. GILBERT—									
Fairview Pipeline Co.		21,226					21,226		
FRANNIE—Interstate Pipeline Co.		1,290					1,290		
FRED & GEORGE CREEK—									
Camerland Cardinal Corp.	25,897	39,380				50,531		1,623	13,123
GAGE—Truck			159			159			
GIRARD—									
Koch Oil Company			2,749				2,749		
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK—									
Texas Pipeline Co.	9,098	25,173			645			25,934	7,692
GOOSE LAKE—									
Portal Pipeline Co.		29,895					29,895		
HAY CREEK—									
Fairview Pipeline Co.		11,776					11,776		
HIAWATHA—									
Continental Pipeline Co.		6,685					6,685		
IVANHOE—									
Continental Pipeline Co.		4,607				4,607			
JIM COULEE—									
Continental Pipeline Co.		44,148						44,148	
KEG COULEE & KEG COULEE NORTH—									
Continental Pipeline Co.		10,294				10,294			
KELLEY—									
Continental Pipeline Co.		7,790				7,790			
KEVIN SUNBURST—									
Big West Oil Co.	6,641	36,048				35,733			6,956
Homestake Oil & Gas Co.	2,787	1,952				3,912			827
Texas Pipeline Co.	7,426	7,636			111	4,897			10,054
	16,854	45,636			111	44,542			17,837
LEARY—Permian Corp.			3,339				3,339		
LODGE GRASS—									
Permian Corp.			993			993			
MASON LAKE—									
Continental Pipeline Co.		354				354			
MELSTONE—									
Continental Pipeline Co.		2,433				2,237	196		
MIDDLE WALL**—									
Continental Pipeline Co.		2,911						2,911	
MOSSER—Permian Corp.			567				567		
OTIS CREEK—									
Western Crude Oil, Inc.			4,136				4,136		
OUTLOOK, OUTLOOK SOUTH & OUTLOOK WEST—									
Portal Pipeline Co.		15,590					15,590		
PONDERA—									
Phillips Petroleum Co.	41,940	28,450			(286)	38,831			31,845
POPLAR, BENRUD, BENRUD EAST, RED FOX, REDSTONE—									
East Poplar Gathering System	13,241	68,073			(155)			58,131 #	23,338
PUTNAM—									
Western Crude Oil, Inc.			7,504				7,504		
RAGGED POINT—									
Continental Pipeline Co.		4,258				4,258			
RED CREEK—									
Western Oil Transportation Co.		14,413						14,413	
RESERVE—Portal Pipeline Co.		6,513					2,618		
ROUGH CREEK—Permian Corp.			2,618				6,513		
RUSH MOUNTAIN—									
Sinclair Ref. Co.		2,853					2,853		
SALT LAKE—									
Koch Oil Company			4,349				4,349		
SNYDER—Permian Corp.			730			730			
SOAP CREEK—Permian Corp.			5,216				5,216		
SPRING LAKE—									
Koch Oil Co.			1,520				1,520		
SUMATRA & STENSVAD—									
Continental Pipeline Co.	759,843	108,825		2,361,267	(1,874)	79,168		2,412,868	739,773
TULE CREEK—									
Spruce Oil Co.	3,713		28,968			28,802			3,879
Permian Corp.			3,385			3,385			
	3,713		32,353			32,187			3,879
WEED CREEK & WOLF SPRINGS—									
Continental Pipeline Co.		5,153				5,153			
WHITLASH & WHITLASH WEST—									
Camerland Cardinal Corp.		11,566				11,566			
WILDCAT WELLS—Truck			48,755				48,755		
TOTAL	1,610,481	3,284,281	295,078	3,110,417	(1,322)	610,578	2,107,328	4,102,694	1,480,979

* Cabin Creek, Cupton, Fertile Prairie, Gas City, Monarch, Repeat, Richey, Richey Southwest, Vida, Weldon and Wills Creek South
** Little Wall Creek and Willow Creek North
\# Transferred to Butte Pipeline Company

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF JUNE, 1972

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Spruce Oil Co.	Westco Refi. Co.	Total
Big Wall		8,533								8,533
Cat Creek		2,850		8,417		3,622				14,889
Cut Bank	54,722						141,813		93,789	290,324
Delphia						890				890
Elk Basin		53,026		39,187	46,761					138,974
Flat Coulee									6,275	6,275
Fred & George Creek	50,531									50,531
Gage & Gage Southwest						880				880
Hiawatha						280				280
Hibbard						252				252
Ivanhoe		4,607								4,607
Keg Coulee		2,372		7,922						10,294
Kelley					7,790					7,790
Kevin Sunburst	44,542									44,542
Lodge Grass		993								993
Mason Lake		354								354
Melstone				2,237						2,237
Pondera							33,871			33,871
Ragged Point				4,258						4,258
Snyder		730								730
Sumatra & Stensvad		19,963		54,925	9,658					84,546
Tule Creek								61,670		61,670
Weed Creek					743					743
Wolf Springs					4,410					4,410
Total Montana Oil	149,795	93,428		116,946	69,362	5,924	175,684	67,670	100,064	772,873
Canadian Oil Imported		542,314		241,414	276,562					1,060,290
Wyoming Oil Imported		870,430		573,772	1,000,901					2,445,103
Total Montana, Canadian and Wyoming Oil	149,795	1,506,172		932,132	1,346,825	5,924	175,684	61,670	100,064	4,278,266

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1971	25,375	29,993	67,911	123,279
June, 1971	29,386	28,535	73,834	131,755
June, 1972	25,763	35,343	81,503	142,609

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year, 1971	20.58%	24.33%	55.09%
June, 1971	22.30%	21.66%	56.04%
June, 1972	18.07%	24.78%	57.15%